

Your wildcard search against 10000 terms has yielded the results below.

Your result set for the last L# is incomplete.

The probable cause is use of unlimited truncation. Revise your search strategy to use limited truncation.

Search Results -

Terms	Documents
(electromagnetic\$ with valve\$) and (clock\$ with frequenc\$) and (pwm\$ or pulse\$) and (fuel\$ with inject\$) and hetero\$	0

US Pre-Grant Publication Full-Text Database

US Patents Full-Text Database

US OCR Full-Text Database

BPO Abstracts Database

JPO Abstracts Database

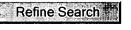
Derwent World Patents Index

IBM Technical Disclosure Bulletins

Search:

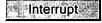
<u>Set</u>

30	









Hit

Search History

DATE: Friday, February 09, 2007 Purge Queries Printable Copy Create Case

<u>Name</u>	Query	Count	<u>Name</u>
side by side		Count	result set
	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=Y.	ES;	300
OP = OP	?		
<u>L30</u>	(electromagnetic\$ with valve\$) and (clock\$ with frequenc\$) and (pwm\$ or pulse\$) and (fuel\$ with inject\$) and hetero\$	0	<u>L30</u>
<u>L29</u>	(electromagnetic\$ with valve\$) and (clock\$ with frequenc\$) and (pwm\$ or pulse\$) and @ad<=20030206 and (fuel\$ with inject\$) and hetero\$	0	<u>L29</u>
<u>L28</u>	(electromagnetic\$ with valve\$) and (clock\$ with frequenc\$) and (pwm\$ or pulse\$) and @ad<=20030206 and l25	0	<u>L28</u>
<u>L27</u>	L25 and l1 and @ad<=20030206	. 0	<u>L27</u>
<u>L26</u>	L25 and @ad<=20030206	155	<u>L26</u>
<u>L25</u>	(fuel\$ with inject\$ with valve) and hetero\$	261	<u>L25</u>

<u>L24</u>	l22 and hetero\$	0	<u>L24</u>
DB=	USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L23</u>	122 and hetero\$	0	<u>L23</u>
<u>L22</u>	(6209522 6422203)![PN]	2	<u>L22</u>
	USPT,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR		
L21	("6792916" "EP 1298307A")[ABPN1,NRPN,PN]	. 2	L21
DB=	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;		
OP = O			
<u>L20</u>	L18	2	<u>L20</u>
DB=	USPT,DWPI; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L19</u>	("6792916" "EP 1298307A")[URPN]	0	<u>L19</u>
DB=	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;		
OP = O	R		
<u>L18</u>	L16	2	<u>L18</u>
<u>L17</u>	L16 and hetero\$	0	<u>L17</u>
<u>L16</u>	6792916.pn.	2	<u>L16</u>
<u>L15</u>	9792916.pn.	0	<u>L15</u>
DB=	USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L14</u>	("6792916")[URPN]	0	<u>L14</u>
DB=	PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;		
OP=O	R		
<u>L13</u>	L7	1	<u>L13</u>
DB=	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L12</u>	(6422203 6209522)![PN]	2	<u>L12</u>
<u>L11</u>	("6792916")[PN]	1	<u>L11</u>
DB=	=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;		
OP = O	R		
<u>L10</u>	L7	1	<u>L10</u>
DB=	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L9</u>	("6792916")[URPN]	0	<u>L9</u>
DB=	=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;		
OP = O	R		
<u>L8</u>	L7	1	<u>L8</u>
DB=	=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR		
<u>L7</u>	6792916.pn.	1	<u>L7</u>
	=PGPB, USPT, USOC, EPAB, JPAB, DWPI, TDBD; THES=ASSIGNEE; PLUR=YES;		
OP = O			
<u>L6</u>	L5 and (vehic\$ or car\$ or automobile)	5	<u>L6</u>
<u>L5</u>	L4 and ((modulat\$ or chang\$ or edit\$ or var\$) near2 frequenc\$)	11	<u>L5</u>
<u>L4</u>	L2 or L3	121	<u>L4</u>
<u>L3</u>	"electromagnetic valve" and (clock with frequenc\$) and (pwm or pulse\$) and @pd<=20030206	116	<u>L3</u>
L2	T.1	116	L2

DB=USPT; THES=ASSIGNEE; PLUR=YES; OP=OR

 $\underline{L1}$ "electromagnetic valve" and (clock with frequenc\$) and (pwm or pulse\$) and @ad<=20030206

116 <u>L1</u>

END OF SEARCH HISTORY

Recent Searches

Close window | Help

Add terms to your search using: AND

5. ("ELECTROMAGNETIC valve") AND ("heterodyne frequency" AND (pwm OR

0 result Add to Search

Database: Multiple databases... Limit results to: full text, scholarly Look for terms in: Citation and abstract Publication type: Scholarly journals

Set Up Alert 🖂

4. ("ELECTROMAGETIC valve") AND ("heterodyne frequency" AND (pwm OR pulse*))

0 result Add to Search

Database: Multiple databases... Limit results to: full text, scholarly

Set Up Alert X

Look for terms in: Citation and abstract Publication type: Scholarly journals

3. ("ELECTROMAGETIC valve") AND ("heterodyne frequency" AND (pwm OR pulse*))

0 result Add to Search

Database: Multiple databases... Limit results to: full text

Set Up Alert 🖾

Look for terms in: Citation and abstract Publication type: All publication types

2. ("fuel inject valve") AND ("heterodyne frequency" AND (pwm OR pulse*))

0 result Add to Search

Database: Multiple databases...

Limit results to: full text

Look for terms in: Citation and abstract

Set Up Alert

Publication type: All publication types

1. ("fuel inject valve") AND ("heterodyne frequency" AND (pwm OR pulse*))

0 result Add to Search

Database: Multiple databases...

Set Up Alert 🖂

Look for terms in: Citation and abstract Publication type: All publication types

Close window | Help

Fri, 9 Feb 2007, 9:05:25 AM EST

Search Query Display

Recent Search Queries

Results

(((fuel* <sentence> inject* <sentence> valve*) <and> (hetero*

<sentence> frequenc*) <and> (pwm* <or> pulse*)) <in> pdfdata)
<and> (pyr >= 1950 <and> pyr <= 2003)

0

#2 ((fuel* <sentence> inject* <sentence> valve*) <and> (hetero* <sentence> frequenc*) <and> (pwm* <or> pulse*)) <in> pdfdata

Hit List

First Hit

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Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 1 through 10 of 21 returned.

☐ 1. Document ID: US 20060208169 A1

L1: Entry 1 of 21

File: PGPB

Sep 21, 2006

PGPUB-DOCUMENT-NUMBER: 20060208169

PGPUB-FILING-TYPE:

DOCUMENT-IDENTIFIER: US 20060208169 A1

TITLE: VEHICULAR RESTRAINT SYSTEM CONTROL SYSTEM AND METHOD USING MULTIPLE OPTICAL

IMAGERS

PUBLICATION-DATE: September 21, 2006

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Breed; David S. Boonton Township NJ US
DuVall; Wilbur E. Kimberling City MO US
Johnson; Wendell C. Kaneohe HI US

US-CL-CURRENT: 250/221

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Do

☐ 2. Document ID: US 20050046584 A1

L1: Entry 2 of 21

File: PGPB

Mar 3, 2005

PGPUB-DOCUMENT-NUMBER: 20050046584

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20050046584 A1

TITLE: Asset system control arrangement and method

PUBLICATION-DATE: March 3, 2005

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Breed, David S. Boonton Township NJ US

Record List Display Page 2 of 5

US-CL-CURRENT: 340/825.72; 280/735, 340/5.71, 455/420

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw. De

☐ 3. Document ID: US 20040225429 A1

L1: Entry 3 of 21

File: PGPB

Nov 11, 2004

PGPUB-DOCUMENT-NUMBER: 20040225429

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040225429 A1

TITLE: Method for controlling an electromagnetic valve, in particular for an

automatic transmission of a motor vehicle

PUBLICATION-DATE: November 11, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Keim, Norbert Loechgau DE Ott, Christof DE Asperg Bayha, Wulf-Siegfried Stuttgart DΕ Krohn, Martin Weinstadt DE Huber, Bernd Schorndorf DE Dorfschmid, Jens Frickenhausen DE Semler, Juergen Alfdorf DE

US-CL-CURRENT: 701/51

<u></u>								,				
Full	Ti41	CONTRACTOR OF	E e e e é	Daniero	01	D. a.k.	m.z	Composion	Attachments	0.1-1	10040	F. F.
F UII	1100	CILATION	FIVIL	Mediello	Classification	vate	Reference	Seduences	Attacriments	i Liaimsi	KOMO	Orano De
-	:											

☐ 4. Document ID: US 20040215382 A1

L1: Entry 4 of 21

7050897 File: PGPB

Oct 28, 2004

PGPUB-DOCUMENT-NUMBER: 20040215382

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040215382 A1

TITLE: Telematics system

PUBLICATION-DATE: October 28, 2004

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Breed, David S. Boonton Township NJ US DuVall, Wilbur E. Kimberling City MO US Johnson, Wendell C. Kanehoe ΗI US

US-CL-CURRENT: 701/45



7

☐ 5. Document ID: US 20040039509 A1

L1: Entry 5 of 21

File: PGPB

Feb 26, 2004

PGPUB-DOCUMENT-NUMBER: 20040039509

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20040039509 A1

TITLE: Method and apparatus for controlling a vehicular component

PUBLICATION-DATE: February 26, 2004

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Breed, David S.

Boonton Township

NJ

US

US-CL-CURRENT: 701/45

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw De

☐ 6. Document ID: US 20030009270 A1

L1: Entry 6 of 21

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030009270

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030009270 A1

TITLE: Telematics system for vehicle diagnostics

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME

CITY

STATE

COUNTRY

Breed, David S.

Boonton Township

NJ

US

US-CL-CURRENT: 701/29; 340/425.5, 340/438

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWIC Draw. De

7. Document ID: US 20030005759 A1

L1: Entry 7 of 21

File: PGPB

Jan 9, 2003

PGPUB-DOCUMENT-NUMBER: 20030005759

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20030005759 A1

Record List Display

Page 4 of 5

TITLE: Wireless sensing and communication system of roadways

PUBLICATION-DATE: January 9, 2003

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY

Breed, David S. Boonton Township NJ US
DuVall, Wilbur E. Kimberling City MO US
Johnson, Wendell C. Signal Hill CA US

US-CL-CURRENT: 73/146

Full	Title 0	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWMC	Draw, De

□ 8. Document ID: US 20020121132 A1

L1: Entry 8 of 21 File: PGPB

Sep 5, 2002

Oct 11, 2001

PGPUB-DOCUMENT-NUMBER: 20020121132

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020121132 A1

TITLE: Vehicle wireless sensing and communication system

PUBLICATION-DATE: September 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE COUNTRY Breed, David S. Boonton Township NJ US Johnson, Wendell C. Signal Hill CA US Castelli, Vittorio Yorktown Heights NY US Seitz, William E. Bedford US · NH DuVall, Wilbur E. Kimberling City MO US

US-CL-CURRENT: <u>73/146</u>

- Full -	-Title	Citation	Frönt	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMC	Draw, De
										-		
	^ -			110.00	010000456							

File: PGPB

☐ 9. Document ID: US 20010028456 A1

PGPUB-DOCUMENT-NUMBER: 20010028456

PGPUB-FILING-TYPE: new

L1: Entry 9 of 21

DOCUMENT-IDENTIFIER: US 20010028456 A1

TITLE: Exposure method, exposure apparatus, and method for producing device

PUBLICATION-DATE: October 11, 2001

INVENTOR-INFORMATION:

NAME

CITY

STATE

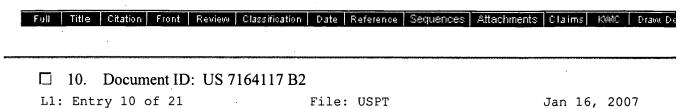
COUNTRY

Nishi, Kenji

Yokohama-shi

JP

US-CL-CURRENT: <u>356/400</u>; <u>356/500</u>



US-PAT-NO: 7164117

DOCUMENT-IDENTIFIER: US 7164117 B2

TITLE: Vehicular restraint system control system and method using multiple optical

imagers

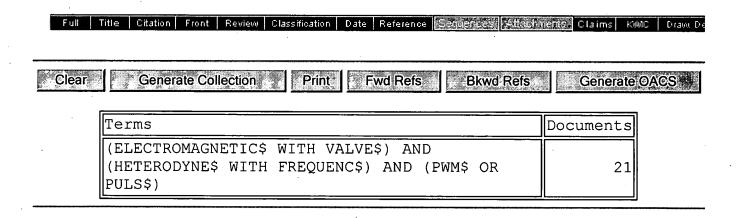
PRIOR-PUBLICATION:

DOC-ID

DATE

US 20060208169 A1

September 21, 2006



Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit

Your wildcard search against 10000 terms has yielded the results below.

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Clear Generate Collection Print Fwd Refs Bkwd Refs Bkwd Refs

Search Results - Record(s) 11 through 20 of 21 returned.

☐ 11. Document ID: US 7126689 B2

L1: Entry 11 of 21

File: USPT

Oct 24, 2006

US-PAT-NO: 7126689

DOCUMENT-IDENTIFIER: US 7126689 B2

TITLE: Exposure method, exposure apparatus, and method for producing device

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20010028456 A1

October 11, 2001

Full Title Citation Front Review Classification Date Reference Sequences Altachments: Claims KMC Draw, De

-

☐ 12. Document ID: US 7050897 B2

L1: Entry 12 of 21

File: USPT

May 23, 2006

US-PAT-NO: 7050897

DOCUMENT-IDENTIFIER: US 7050897 B2

TITLE: Telematics system

PRIOR-PUBLICATION:

DOC-ID

DATE

US 20040215382 A1

October 28, 2004

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw D



☐ 13. Document ID: US 6850824 B2

L1: Entry 13 of 21

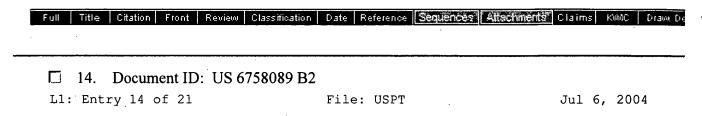
File: USPT

Feb 1, 2005

US-PAT-NO: 6850824

DOCUMENT-IDENTIFIER: US 6850824 B2

TITLE: Method and apparatus for controlling a vehicular component



US-PAT-NO: 6758089

DOCUMENT-IDENTIFIER: US 6758089 B2

TITLE: Wireless sensing and communication system of roadways



R

☐ 15. Document ID: US 6738697 B2

L1: Entry 15 of 21

File: USPT

May 18, 2004

US-PAT-NO: 6738697

DOCUMENT-IDENTIFIER: US 6738697 B2

TITLE: Telematics system for vehicle diagnostics

Full	Title	Citation	Front	Review	Classification	Date	Reference	201	diment2	Claims	Ю	MC Draw
												•
			 									
	16.	Docum	ent ID	: US 6	662642 B2							

US-PAT-NO: 6662642

DOCUMENT-IDENTIFIER: US 6662642 B2

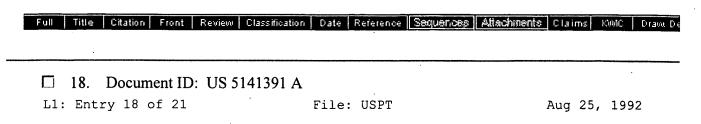
TITLE: Vehicle wireless sensing and communication system

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KOMO	Draw, De
				,							······································	
	17.	Docum	ent ID	: US 6	373972 B1							
L1:	Enti	cy 17 d	of 21			File:	USPT	•		Apr 16	. 200)2

US-PAT-NO: 6373972

DOCUMENT-IDENTIFIER: US 6373972 B1

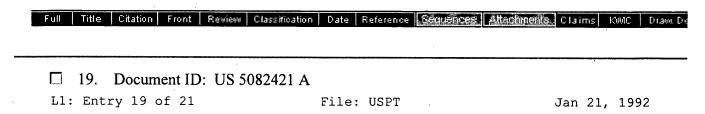
TITLE: Microbe and cell function control device, a microbial ecology detector device, and a method of controlling a microbe and cell function control device



US-PAT-NO: 5141391

DOCUMENT-IDENTIFIER: US 5141391 A

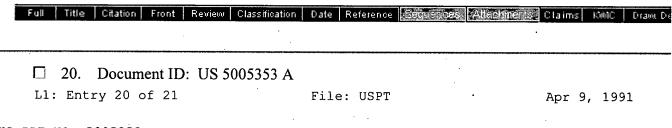
TITLE: Active control of unsteady motion phenomena in turbomachinery



US-PAT-NO: 5082421

DOCUMENT-IDENTIFIER: US 5082421 A

TITLE: Active control of unsteady motion phenomena in turbomachinery

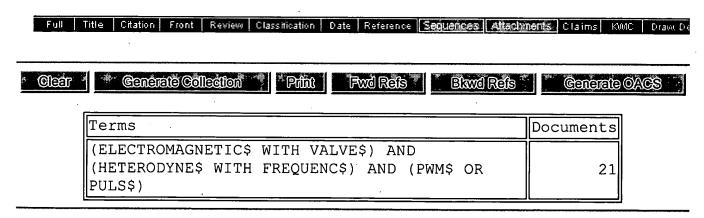


US-PAT-NO: 5005353

DOCUMENT-IDENTIFIER: US 5005353 A

** See image for Certificate of Correction **

TITLE: Active control of unsteady motion phenomena in turbomachinery





Hit List

First Hit

Your wildcard search against 10000 terms has yielded the results below.

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Clear Generate Collection Print Fwd Refs Bkwd Refs
Generate OACS

Search Results - Record(s) 21 through 21 of 21 returned.

□ 21. Document ID: US 4967550 A

L1: Entry 21 of 21

File: USPT

Nov 6, 1990

US-PAT-NO: 4967550

DOCUMENT-IDENTIFIER: US 4967550 A

TITLE: Active control of unsteady motion phenomena in turbomachinery

Full Title Citation Front Review Classification Date Reference Sequences Atta	adliments Claims KWC Draw.D.
Clear Generate Collection Print Fwd Refs Bkwd Ref	Generate OACS
Terms	Documents
(ELECTROMAGNETIC\$ WITH VALVE\$) AND	
(HETERODYNE\$ WITH FREQUENC\$) AND (PWM\$ OR	21
PULS\$)	

Display Format: - Change Format

Previous Page Next Page Go to Doc#